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46

## RAW SEQUENCE LISTING PATENT APPLICATION US/08/224,195

DATE: 05/25/94 TIME: 10:05:14

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#27

This Raw Listing contains the General Information Section and up to the first 5 pages.

1 SEQUENCE LISTING 2 3 General Information: (1) 4 5 (i) APPLICANT: SUGANO, MITSUKO 6 7 (ii) TITLE OF INVENTION: MONOCLONAL ANTIBODY 8 9 (iii) NUMBER OF SEQUENCES: 2 10 11 (iv) CORRESPONDENCE ADDRESS: (A) ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, 12 13 14 (B) STREET: 1755 Jefferson Davis Highway, Fourth Floor 15 (C) CITY: Arlington 16 (D) STATE: Virginia 17 (E) COUNTRY: U.S.A. 18 (F) ZIP: 22202 19 20 (v) COMPUTER READABLE FORM: 21 (A) MEDIUM TYPE: Floppy disk 22 (B) COMPUTER: IBM PC compatible 23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS 24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 25 26 (vi) CURRENT APPLICATION DATA: 27 (A) APPLICATION NUMBER: USJ/08/224,195 28 (B) FILING DATE: 29 (C) CLASSIFICATION: 30 31 (vii) PRIOR APPLICATION DATA: 32 (A) APPLICATION NUMBER: US/07/929,377 33 (B) FILING DATE: 14-AUG-1992 34 (A) APPLICATION NUMBER: JP 3-229756 35 (B) FILING DATE: 16-AUG-1991 36 37 (viii) ATTORNEY/AGENT INFORMATION: 38 (A) NAME: Oblon, Norman F. 39 (B) REGISTRATION NUMBER: 24,618 40 (C) REFERENCE/DOCKET NUMBER: 39-4161-0S 41 42 (ix) TELECOMMUNICATION INFORMATION: 43 (A) TELEPHONE: (703)521-4500 44 (B) TELEFAX: (703)486-2347 45 (C) TELEX: 248855 OPAT UR

## RAW SEQUENCE LISTING PATENT APPLICATION US/08/224,195

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| 47                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |  |  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--|--|--|
| 48                   | (2) INFORMATION FOR SEQ ID NO:1:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |  |  |  |
| 49                   | 41) GROUNDER GUIDE GRONDE GRON |      |  |  |  |
| 50                   | (i) SEQUENCE CHARACTERISTICS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |  |  |  |
| 51                   | (A) LENGTH: 750 base pairs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |  |  |  |
| 52                   | (B) TYPE: nucleic acid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |  |  |  |
| 53                   | (C) STRANDEDNESS: single                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |  |  |  |
| 54                   | (D) TOPOLOGY: linear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |  |  |  |
| 55                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |  |  |
| 56                   | (ii) MOLECULE TYPE: cDNA to mRNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |  |  |  |
| 57                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |  |  |
| 58                   | (iii) HYPOTHETICAL: NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |  |  |  |
| 59                   | 4 1) ADTATUST COURSE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |  |  |  |
| 60                   | (vi) ORIGINAL SOURCE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |  |  |  |
| 61                   | (A) ORGANISM: Rattus norvegicus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |  |  |
| 62                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |  |  |
| 63                   | / 'A GROUPING PROGRESSIAN GROUP IN NO. 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |  |  |  |
| 64                   | (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |  |  |  |
| 65                   | 2002 COMOGO CAMOGOMA CO COCAMOGOGO COMACOCONO COCOCONO COMAMOCOCO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 60   |  |  |  |
| 66                   | AGCACCTGGC GATGCCTACG GCGATGCGGG CTACGGGCAG GGCCCCGGAG GCTATGGGCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 60   |  |  |  |
| 67                   | 0020020000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 120  |  |  |  |
| 68                   | CCAGGACTCC TACGGGCCTC AGGGTGGTTA TCAACCCGAT TACGGGCAGC CAGCCAGCGG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 120  |  |  |  |
| 69                   | MOOOCOMOOO MAGOOOOMO ACCOOORDIN MOOOCOADA COOMAMOOOO AACACOMOO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 180  |  |  |  |
| 70                   | TGGCGGTGGC TACGGGCCTC AGGGCGACTA TGGGCAGCAA GGCTATGGCC AACAGGGTGC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 100  |  |  |  |
| 71<br>72             | COCCA COMOC MMCMCCA AMO A CAMOMA AMO MCCMCA COMOCA ACMCCAMOCA CAMOCCA CCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 240  |  |  |  |
| 72<br>73             | GCCCACCTCC TTCTCCAATC AGATGTAATC TGGTCAGTGA AGTCCATGAA GATCCCACGG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 240  |  |  |  |
| 73<br>74             | CHCCCCAAAA CCHCAAAAA ACCCCACCCCCCACCCCCACAMMMACCCACMAMACCCCCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 300  |  |  |  |
| 7 <del>4</del><br>75 | GTGGGCAAGA GCTCAAGAGA AGGCCTGCCC CCCTTTTCCC ATCCCCATAT CCTAGGTCTC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 300  |  |  |  |
| 76                   | CACCCCTCAA CCCAGGAGAC CCTAACTGTC TTTGCTGTTT ATATATATAT ATATTATATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 360  |  |  |  |
| 70<br>77             | CACCCCICAN CCCAGGAGAC CCIAACIGIC IIIGCIGIII AIAIAIAIAI AIAIIAIAIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 300  |  |  |  |
| 78                   | TAAATATCTA TTTATCTGTC TGAGCCCTAC ATTCACCCAC TTCTCCATGC ACTAGAGGCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 420  |  |  |  |
| 79                   | THANTATOTA TITATOTOTO TOROCCOTAC ATTOROCCAC TICTOCATOC ACTAGAGGGCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 420  |  |  |  |
| 80                   | CAGTCCTGAA TGGGCTCCTC CCCAACCCTG ACCTTGCATT CCTCAGCCCC TATCTGTTCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 480  |  |  |  |
| 81                   | Charcetonn 1666010010 Cochnocold hoolifechil Colonecoco inicialico                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 400  |  |  |  |
| 82                   | CCAGCCCTGT CCCTTGAGGT AAGGGGCTCT AGAAAGGGGA GAGGAAGGGA ACCAGACCTT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 540  |  |  |  |
| 83                   | CONSCIONAL CONTINUES ANGUAGOS  | 340  |  |  |  |
| 84                   | GGCTGCATGG AGTGGGTTGG TGTGACTTTC TCTCCTTCCT CCTCTCCTC TGCCCCTCCT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 600  |  |  |  |
| 85                   | decision actionation telements for contraction contraction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 000  |  |  |  |
| 86                   | AACTCTGGCC TTGGTCCTCC AGCATCACCT GAACTTCAGA AGCTCTCGAA TGGAAATCTG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 660  |  |  |  |
| 87                   | ANCICIOGCE TIGGICOTCE MOCATORCET GARCITORGA ACCIDIOGNI TOGNIMITOTO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 000  |  |  |  |
| 88                   | ACCCCAAGAG TAGAGCAGTA GACTGAGTGG AGGAGGCTTG GGTGAAACGG GCAGAGAGGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 720  |  |  |  |
| 89                   | ACCCCAMENT INCHOLOGIC MOCIONOLOGIC GOLGALIACCO COMONOLOGIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | , 20 |  |  |  |
| 90                   | GATAACCTCT GTAGAGAGAG GACTAGTCAG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 750  |  |  |  |
| 91                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |  |  |
| 92                   | (2) INFORMATION FOR SEQ ID NO:2:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |  |  |  |
| 93                   | (2) THE GRANT TON DAY AD HOLD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |  |  |  |
| 94                   | (i) SEQUENCE CHARACTERISTICS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |  |  |  |
| 95                   | (A) LENGTH: 780 base pairs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |  |  |  |
| 96                   | (B) TYPE: nucleic acid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |  |  |  |
| 97                   | (C) STRANDEDNESS: single                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |  |  |  |
| 98                   | (D) TOPOLOGY: linear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |  |  |  |
| 99                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |  |  |  |

## RAW SEQUENCE LISTING PATENT APPLICATION US/08/224,195

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| 100 | (ii) MOLECULE TYPE: DNA (genomic)                   |                      |                      |  |
| 101 |                                                     |                      |                      |  |
| 102 | (vi) ORIGINAL SOURCE:                               |                      |                      |  |
| 103 | (A) ORGANISM: rat                                   |                      |                      |  |
| 104 |                                                     |                      |                      |  |
| 105 |                                                     |                      |                      |  |
| 106 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:             |                      |                      |  |
| 107 |                                                     |                      |                      |  |
| 108 | CAACCAGCAC CTGGCGATGC CTACGGCGAT GCGGGCTACG GGCAGGG | CCC CGGAGGCTAT 60    | )                    |  |
| 109 |                                                     |                      |                      |  |
| 110 | GGGCCCCAGG ACTCCTACGG GCCTCAGGGT GGTTATCAAC CCGATTA | CGG GCAGCCAGCC 120   | )                    |  |
| 111 |                                                     |                      |                      |  |
| 112 | AGCGGTGGCG GTGGCTACGG GCCTCAGGGC GACTATGGGC AGCAAGG | CTA TGGCCAACAG 180   | )                    |  |
| 113 |                                                     |                      |                      |  |
| 114 | GGTGCGCCCA CCTCCTTCTC CAATCAGATG TAATCTGGTC AGTGAAG | TCC ATGAAGATCC 240   | )                    |  |
| 115 |                                                     |                      |                      |  |
| 116 | CACGGGTGGG CAAGAGCTCA AGAGAAGGCC TGCCCCCCTT TTCCCAT | CCC CATATCCTAG 300   | )                    |  |
| 117 |                                                     |                      |                      |  |
| 118 | GTCTCCACCC CTCAACCCAG GAGACCCTAA CTGTCTTTGC TGTTTAT | ATA TATATATTT 360    | )                    |  |
| 119 |                                                     |                      |                      |  |
| 120 | ATATATAAAT ATCTATTTAT CTGTCTGAGC CCTACATTCA CCCACTT | CTC CATGCACTAG 420   | )                    |  |
| 121 |                                                     |                      |                      |  |
| 122 | AGGCCCAGTC CTGAATGGGC TCCTCCCCAA CCCTGACCTT GCATTCC | TCA GCCCCTATCT 480   | )                    |  |
| 123 |                                                     |                      |                      |  |
| 124 | GTTCCCCAGC CCTGTCCCTT GAGGTAAGGG GCTCTAGAAA GGGGAGA | AGGA AGGGAACCAG 540  | )                    |  |
| 125 |                                                     |                      |                      |  |
| 126 | ACCTTGGCTG CATGGAGTGG GTTGGTGTGA CTTTCTCTCC TTCCTCC | TCT CCCTCTGCCC 600   | )                    |  |
| 127 |                                                     |                      |                      |  |
| 128 | CTCCTAACTC TGGCCTTGGT CCTCCAGCAT CACCTGAACT TCAGAAG | CTC TCGAATGGAA 660   | ,                    |  |
| 129 |                                                     | .ma                  |                      |  |
| 130 | ATCTGACCCC AAGAGTAGAG CAGTAGACTG AGTGGAGGAG GCTTGGG | TGA AACGGGCAGA 720   | ,                    |  |
| 131 | CACCACAMA COMOMOMACA CACACACAMA CMCACCAAA ACMMCAA   | TTC CAGACATACT 780   |                      |  |
| 132 | GAGGAGATAA CCTCTGTAGA GAGAGGACTA GTCAGCCAAG AGTTGAA | ATTO CAGACATACT /80  | ,                    |  |
| 133 |                                                     |                      |                      |  |
| 134 |                                                     |                      |                      |  |

## SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/08/224,195

DATE: 05/25/94 TIME: 10:05:51

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Wrong application Serial Number

(A) APPLICATION NUMBER: USJ/08/224,195